



08-23-06

[Handwritten signature]

Customer No.: 07278

Docket No. 06727/0204303-450

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Avner Pierre Badehi

Application No.: 10/595,372✓

Confirmation Number: 8389

Filed: April 13, 2006

Art Unit: N/A

For: ELECTRO-OPTICAL CIRCUITRY HAVING
INTEGRATED CONNECTOR AND
METHODS FOR THE PRODUCTION
THEREOF

Examiner: N/A

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed: (Check one of the boxes A-D)

- ☐ A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.
- ☒ B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
- ☐ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

(check one of the boxes "i" and "ii" below:)

☐ i. Counsel states that, upon information and belief, each item of information listed herein was
(check one of boxes (a) or (b))

☐ (a) first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

☐ (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ ii. A check for the fee set forth in 1. 17(p), presently believed to be \$180, is enclosed.

☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. Under 37 CFR 1.17(i) a check in the amount of \$180.00 is enclosed. Counsel certifies that, upon information and belief, each item of information listed herein was

(check one of boxes (a) or (b))

☐ (a) first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

☐ (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO/SB/08) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A, B and/or C and fill in blanks, if appropriate.)

☒ A. Pursuant to the Notice issued by the United States Patent and Trademark Office dated July 11, 2003 waiving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 is/are not being submitted.

☐ B. Document(s) _____ is (are) deemed substantially cumulative to document(s) _____, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.

- ☐ C. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120:

[SERIAL NO. & FILING DATE].

Applicant identifies these documents by attaching hereto copies of the forms PTO-892, PTO-1449 and/or PTO/SB/08 from the files of the prior application(s) or a fresh PTO/SB/08 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☐ 3. Cite Nos. _____ are not in the English language. In accordance with 1.98(c), Applicant states:

- ☐ An English translation of each document (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.
- ☐ The requirement for a concise explanation of the relevance of any foreign language document is satisfied by the attached search report; citation of the documents cited in the search report shall not be construed as an admission that they are or are considered to be, material to patentability of the subject matter claimed herein (See MPEP §609).
- ☐ A concise explanation of the relevance of document(s) _____ is set forth as follows: [Insert concise explanation of relevance]
- ☐ A concise explanation of the relevance of document(s) _____ can be found on page(s) _____ of the specification.
- ☐ A concise explanation of document(s) _____ can be found on the attached sheet.

☐ 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 in the preamble to the final rules; 1135 OG 13 at 20).

☐ 5. Other information being provided for the examiner's consideration follows:

[A/An _____ Search Report, dated _____, which issued during the prosecution of _____ Application No. _____ which corresponds to the present application.]

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is,

or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless other-wise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS

Pursuant to 37 C.F.R. (§1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

(1) U.S. Provisional Application Serial No _____, filed _____.

Early and favorable consideration is earnestly solicited.

August 18, 2006

Respectfully submitted,

A handwritten signature in black ink, appearing to read "S. Peter Ludwig", written over a horizontal line.

S. Peter Ludwig
Registration No. 25,351
Attorney for Applicant(s)

DARBY & DARBY P.C.
P.O. Box 5257
New York, N.Y. 10150-5257
(212) 527-7700



Application No. (if known): 10/595,372

Attorney Docket No.: 06727/0204303-USO

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EV834733903US

on August 21, 2006
Date

8/21/06

D. Stantini

Signature

D. Stantini

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (77 documents- 3 pages)

Information Disclosure Statement (4 pages)

Postcard

(1) attach



PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/595,372-Conf. #8389
				Filing Date	April 13, 2006
				First Named Inventor	Avner Badehi
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	06727/0204303-USO

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-6,117,707-B1	09/2000	Badehi	
	AB*	US-6,040,235-B1	03/2000	Badehi	
	AC*	US-6,022,758-B1	02/2000	Badehi	
	AD*	US-5,980,663-B1	11/1999	Badehi	
	AE*	US-5,716,759-B1	02/1998	Badehi	
	AF*	US-5,547,906-B1	08/1996	Badehi	
	AG*	US-5,455,455-B1	10/1995	Badehi	
	AH*	US-6,214,642-B1	04/2001	Chen, et al.	
	AI*	US-6,103,551-B1	08/2000	Ono, et al.	
	AJ*	US-5,844,320-B1	12/1998	Ono, et al.	
	AK*	US-5,641,996-B1	06/1997	Omoya, et al.	
	AL*	US-5,550,408-B1	08/1996	Kunitomo, et al.	
	AM*	US-5,436,503-B1	07/1995	Kunitomo, et al.	
	AN*	US-4,168,883-B1	09/1979	MacLeod	
	AO*	US-4,351,051-B1	09/1982	Van Alem, et al.	
	AP*	US-4,386,821-B1	06/1983	Simon, et al.	
	AQ*	US-4,399,541-B1	08/1983	Kovats, et al.	
	AR*	US-4,615,031-B1	09/1986	Eales, et al.	
	AS*	US-4,810,053-B1	03/1989	Woith	
	AT*	US-4,988,159-B1	01/1991	Turner, et al.	
	AU*	US-4,989,930-B1	02/1991	Nagakawa et al.	
	AV*	US-4,989,943-B1	02/1991	Yoshinaga et al.	
	AW*	US-5,044,720-B1	09/1991	Haley et al.	
	AX*	US-5,231,686-B1	07/1993	Rabinovich	
	AY*	US-5,841,591-B1	11/1998	Zhu, et al.	
	AZ*	US-6,052,498-B1	04/2000	Paniccia	
	AA1*	US-6,058,228-B1	05/2000	Fasanella, et al.	
	AB1*	US-6,234,688-B1	05/2001	Boger, et al.	
	AC1*	US-5,886,971-B1	03/1999	Feldman, et al.	
	AD1*	US-5,912,872-B1	06/1999	Feldman, et al.	
	AE1*	US-5,933,551	08-03-1999	Boudreau et al.	
	AF1*	US-6,061,169	05-09-2000	Feldman et al.	
	AG1*	US-6,071,652	06-06-2000	Feldman et al.	
	AH1*	US-6,096,155	08-01-2000	Harden et al.	
	AI1*	US-6,104,690	08-15-2000	Feldman et al.	
	AJ1*	US-6,235,141-B1	05/2001	Feldman et al.	
	AK1*	US-6,295,156	09-25-2001	Feldman et al.	
	AL1*	US-5,771,218	06-23-1998	Feldman et al.	
	AM1*	US-5,872,762	02-16-1999	Feldman et al.	
	AN1*	US-6,075,908-B1	06/2000	Paniccia et al.	
	AO1*	US-20020185588-A1	12-2002	Wagner et al.	
	AP1*	US-6,343,171-B1	01/2002	Yoshimura et al.	
	AQ1*	US-20030138219-A1	07-2003	O'Toole et al.	
	AR1*	US-5,172,206-B1	12/1992	Iizuka	
	AS1*	US-20020025122-A1	02-2002	Ouchi et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/595,372-Conf. #8389
				Filing Date	April 13, 2006
				First Named Inventor	Avner Badehi
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	06727/0204303-USO

	AT1*	US-5,818,990	10/1998	Steijer, et al	
	AU1*	US-6,798,953-B1	09/2004	Cohen, et al.	
	AV1*	US-5,400,419	03-21-1995	Heinen et al.	
	AW1	US-6,115,521	09-05-2000	Tran et al.	
	AX1*	US-5,200,631	04-06-1993	Austin et al.	
	AY1*	US-4,750,799	06-14-1988	Kawachi et al.	
	AZ1*	US-6,466,349	10-15-2002	Valley et al.	
	AA2*	US-5,446,814	08-29-1995	Kuo et al.	
	AB2*	US-6,921,956-A1	07-26-2005	Yang et al.	
	AC2*	US-6,792,179-A1	09-14-2004	Lu et al.	
	AD2*	US-5,485,540	01-16-1996	Eda et al.	
	AE2*	US-5,195,150	03-16-1993	Stegmueller et al.	
	AF2*	US-5,424,573	06-13-1995	Kato et al.	
	AG2*	US-6,450,704-A1	09-17-2002	O'Connor et al.	
	AH2*	US-6,843,608-A1	01-18-2005	O'Connor et al.	
	AI2*	US-5,764,832	06-09-1998	Tabuchi et al.	
	AJ2*	US-5,785,874	07-28-1998	Eda et al.	
	AK2*	US-6,819,836-A1	11-16-2004	Murali	
	AL2*	US-6,684,007-A1	01-27-2004	Yoshimura et al.	
	AM2*	US-6,706,546-A1	03-16-2004	Yoshimura et al.	
	AN2*	US-6,611,635-B1	08/2003	Yoshimura et al.	
	AO2*	US-6,785,447-A1	08-31-2004	Yoshimura et al.	
	AP2*	US-6,690,845	02-10-2004	Yoshimura et al.	
	AQ2*	US-6,845,184	01-18-2005	Yoshimura et al.	
	AR2*	US-4,778,242	10-18-1988	Ota et al.	
	AS2*	US-6,456,761-A1	09-24-2002	Yap et al.	
	AT2*	US-6,483,969	11-19-2002	Yap et al.	
	AU2*	US-6,741,781-A1	05-25-2004	Furuyama et al.	
	AV2*	US-6,952,504-A1	10-04-2005	Bi et al.	
	AW2	US-6,968,109-A1	11-22-2005	Furuyama et al.	
	AX2*	US-20040021214-A1	02-05-2004	Badehi et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ⁶
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/595,372-Conf. #8389
				Filing Date	April 13, 2006
				First Named Inventor	Avner Badehi
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	06727/0204303-USO

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Optocube 40 3.35Gb/s Channel Speed 850nm Receiver Array 12 Channel Parallel Optical Receivers and OptoCube 40 3.35Gb/s Channel Speed 850nm Receiver Array 12 Channel Parallel Optical Transmitters, from Corona Optical Systems, Inc. USA	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--